

Internet Enhanced Cordless Telephone System

Abstract

Disclosed invention is a consumer telephone system (the iCord telephone) that globally extends the range of cordless telephones by using the Internet to securely connect a cordless base station to multiple cordless handsets/ phones. An iCord phone user can receive or make PSTN calls on the same iCord base station from anywhere that has Internet connectivity for one's iCord handset. The iCord system can page and carry on a VoIP conversation with any iCord handset registered on the same iCord base station without incurring PSTN telephone call charge. In addition, an iCord handset can simultaneously register and securely connect with multiple iCord base stations over the Internet. Thus an iCord handset user, from anywhere over the Internet, can receive or make PSTN phone calls from, for example, either office, home or friend's iCord base stations with the same iCord handset. Multiple iCord base stations can also set up as a private phone network over the Internet. Such that an iCord handset only needs to register with one iCord base station and can access any other base sta-

tions within the same private network. The iCord phone invention is also applicable to VoIP service that supports the use of cordless phones to receive or make VoIP calls.